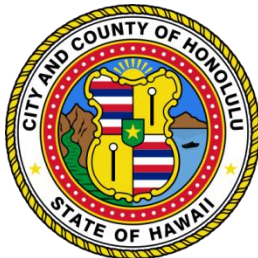


Honolulu Rail Transit Project

Programmatic Agreement

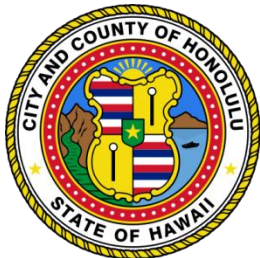
Historic Properties Web Map and Documentation Management Application

November 1, 2011



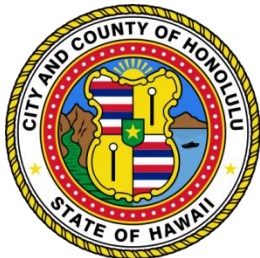
Overview

- A web-based mapping and documentation management system for historic properties.
- Two components:
 1. Publicly-accessible interactive web map application for visualizing historic properties and accessing related content.
 2. Secure Content Management interface used by administrators to manage content.



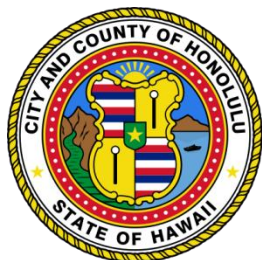
Purpose

- Enables the Public to:
 - access historic property data and documentation.
 - develop an understanding of historic properties in the context of the Honolulu Rail Transit Project.
 - visually *experience* and *interact* with historic properties through an interactive map, photos, videos, panoramas, and 3D models.
 - access documents and reports.



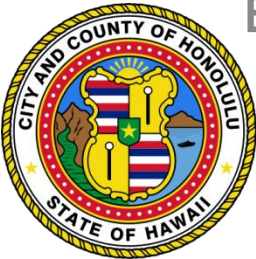
Purpose (continued)

- Enables Internal Stakeholders to:
 - store, organize, manage, and maintain historic property data and documentation.
 - maintain a repository of information about historic properties in the context of the Honolulu Rail Transit Project.
 - present to the Public a *visual* and *interactive experience* by exploring historic properties through an interactive map, photos, videos, panoramas, and 3D models.
 - provide access to documents and reports.



Web Map

- Easy online access – using a web browser; Enables visualization, discovery, and dissemination of historic property information.
- Historic property locations featured on an interactive map.
- Functions:
 - Browse/Filter/Search historic properties.
 - Access and view information and documentation associated with each Historic Property:
 - Name, Address, TMK, Property type, NRHP Status, Project effect, etc.
 - Photos, videos, panoramas, 3D models.
 - Searchable documents. For example: NRHP Nomination Form; Determination of Eligibility form; Effects Report.

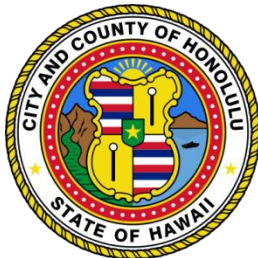


Content Management

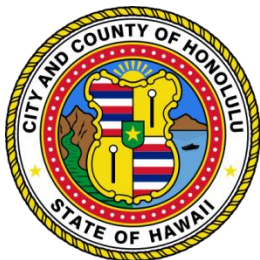
- A secure web-based interface is used to manage the content which is presented in the Web Map Application.

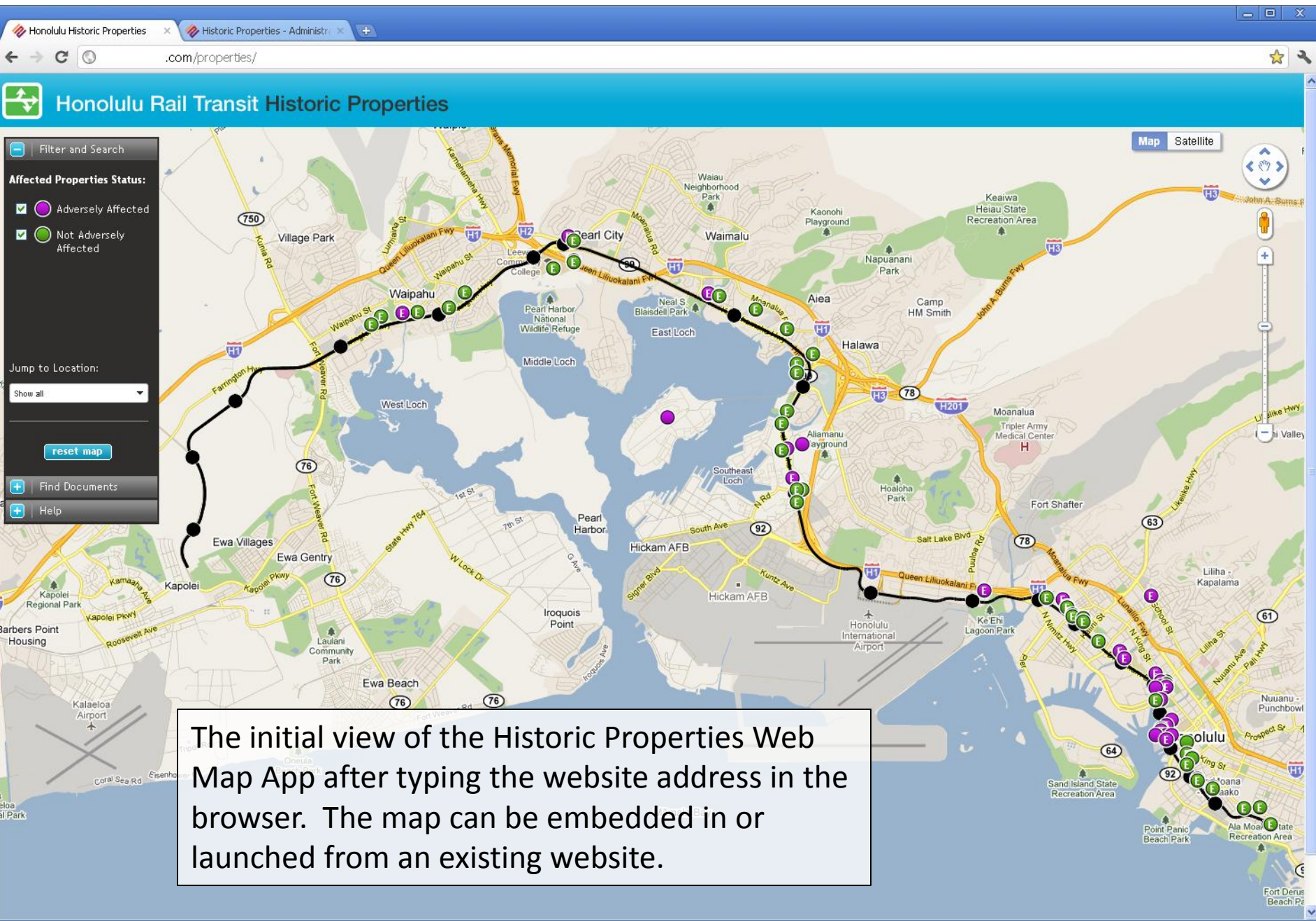
(The content is actually stored in a database/server. The database/server is from where the Web Map App gets its content.)

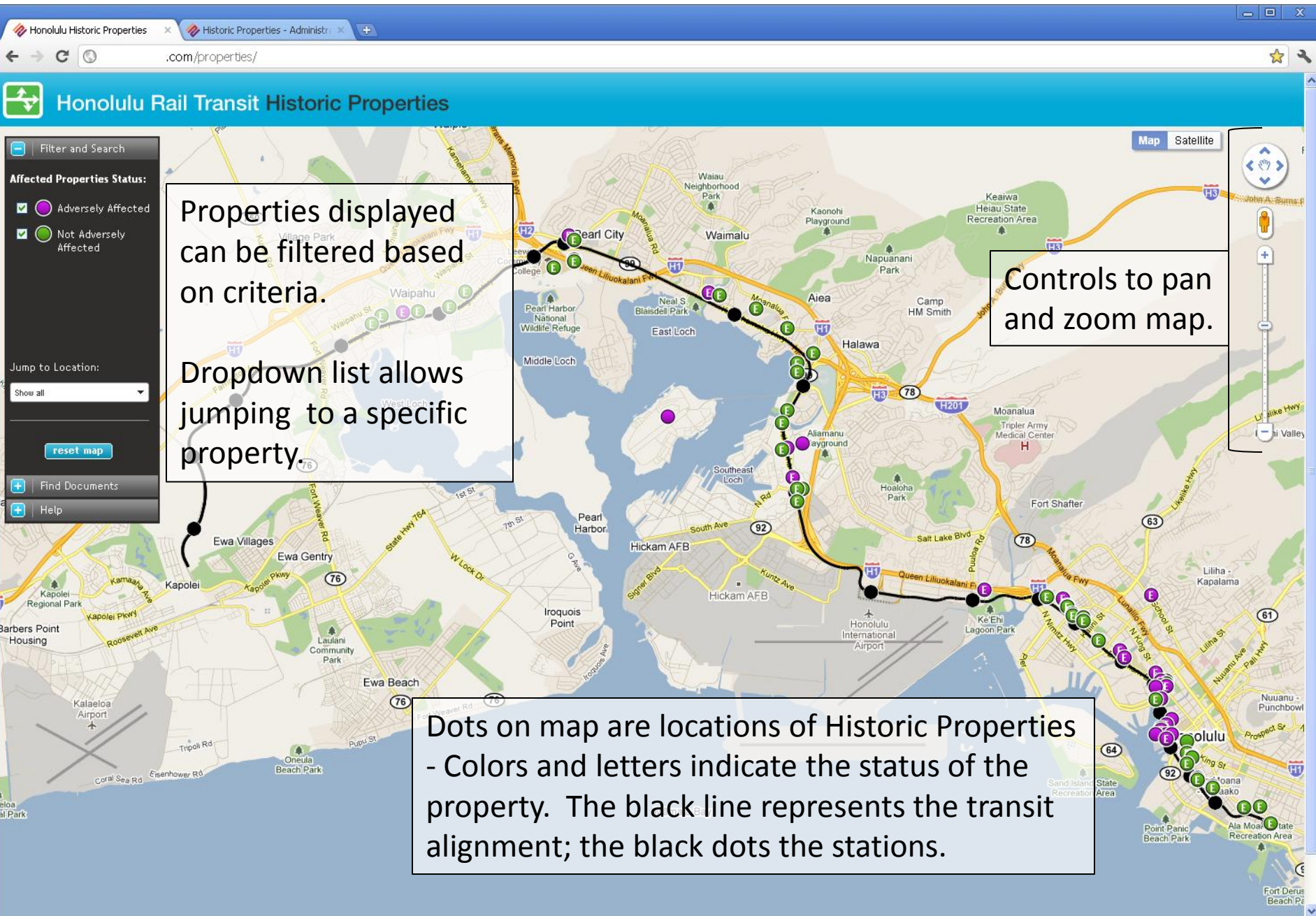
- Functions:
 - Browse/Filter/Search historic properties.
 - Add, delete, edit historic property.
 - Add, delete, edit a property's general info; e.g. Name, Address, TMK, Property type, NRHP Status, Project effect, etc.
 - Use a map to set geographic location of the historic property.
 - Upload and manage a property's specialty media and documents; e.g. photos, videos, panoramas, 3D models, documents (searchable PDFs).



Web Map walk-through





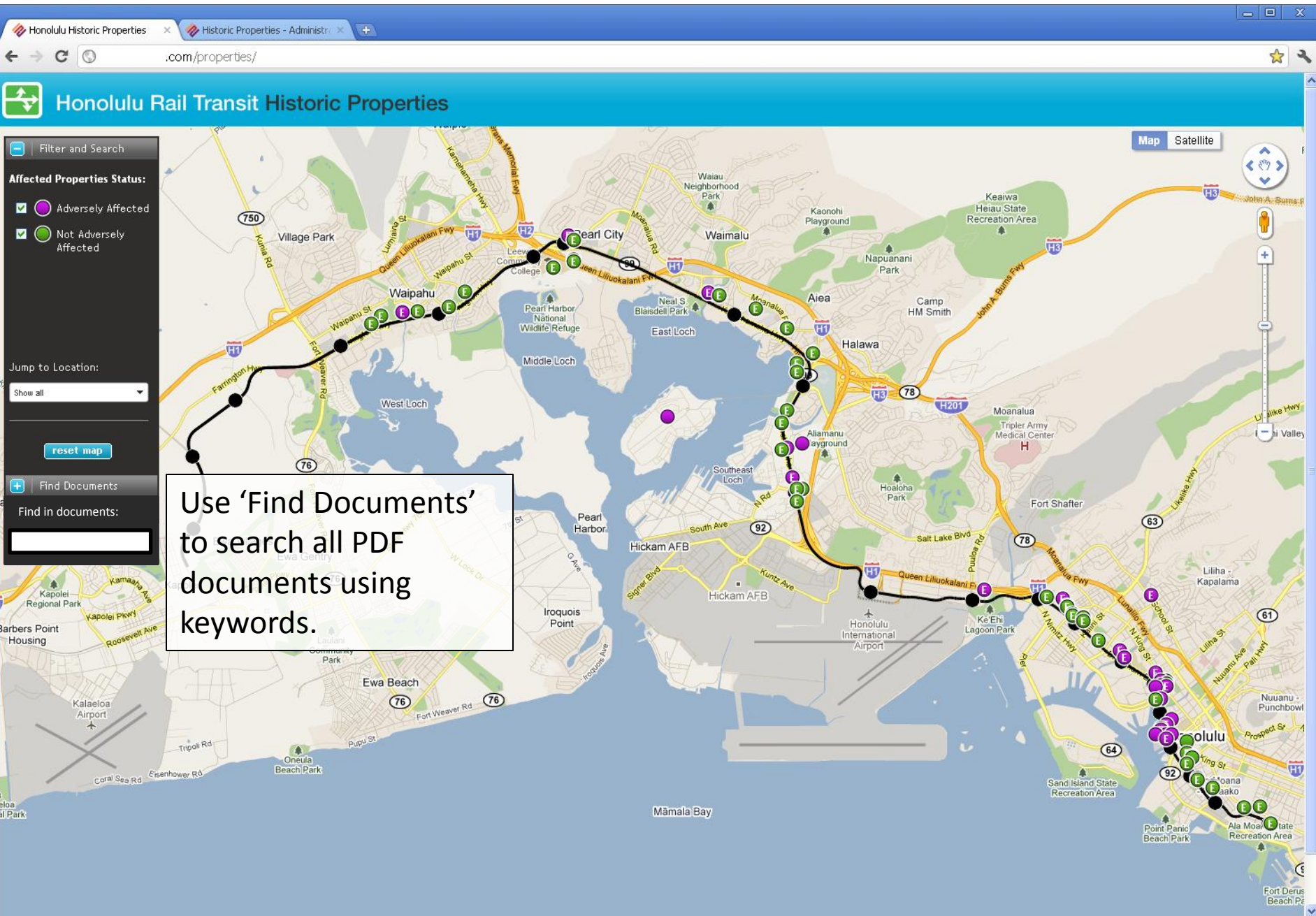


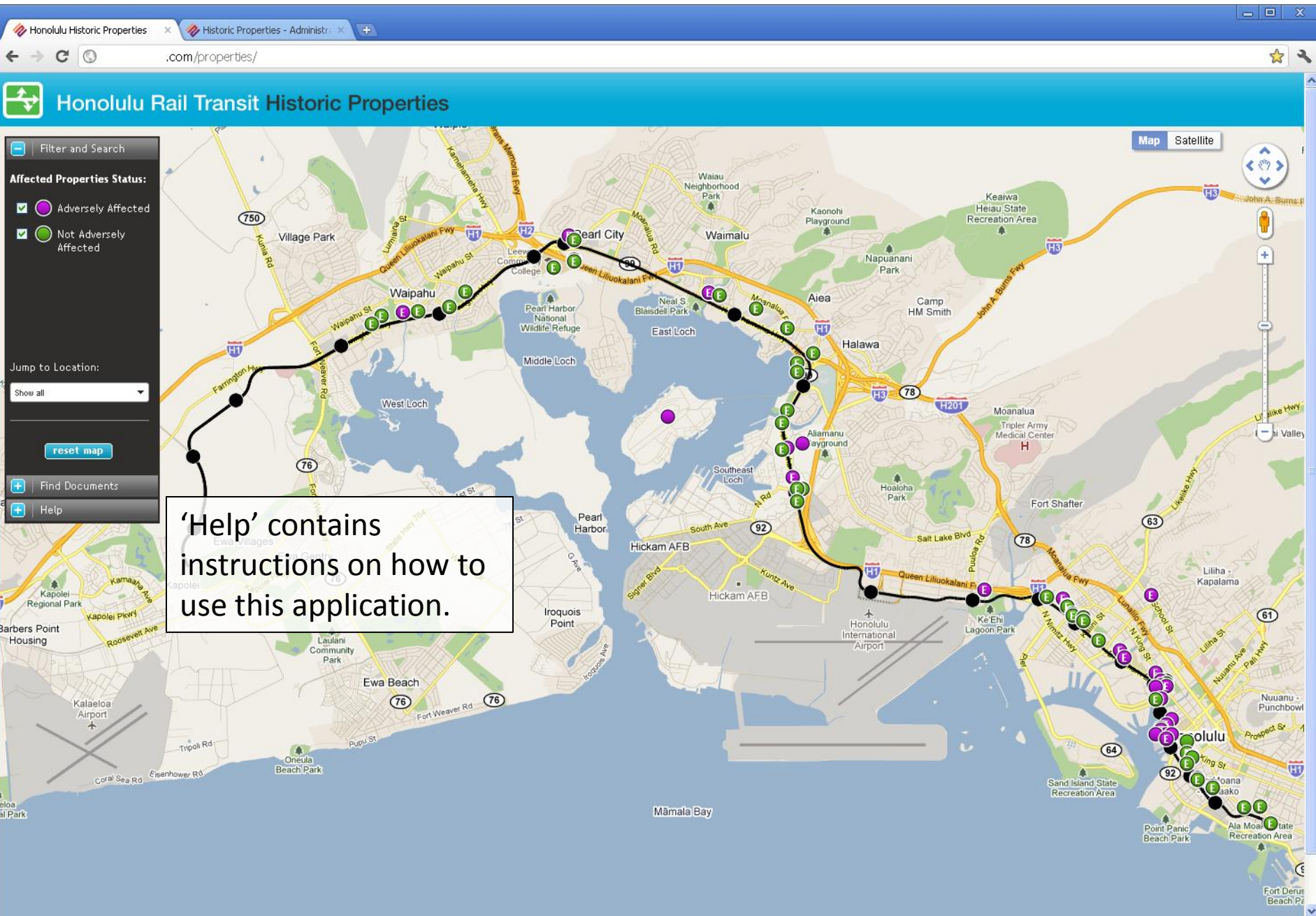
Properties displayed can be filtered based on criteria.

Dropdown list allows jumping to a specific property.

Controls to pan and zoom map.

Dots on map are locations of Historic Properties - Colors and letters indicate the status of the property. The black line represents the transit alignment; the black dots the stations.





Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected

Jump to Location:

Show all

reset map

'Help' contains instructions on how to use this application.

Map Satellite

Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

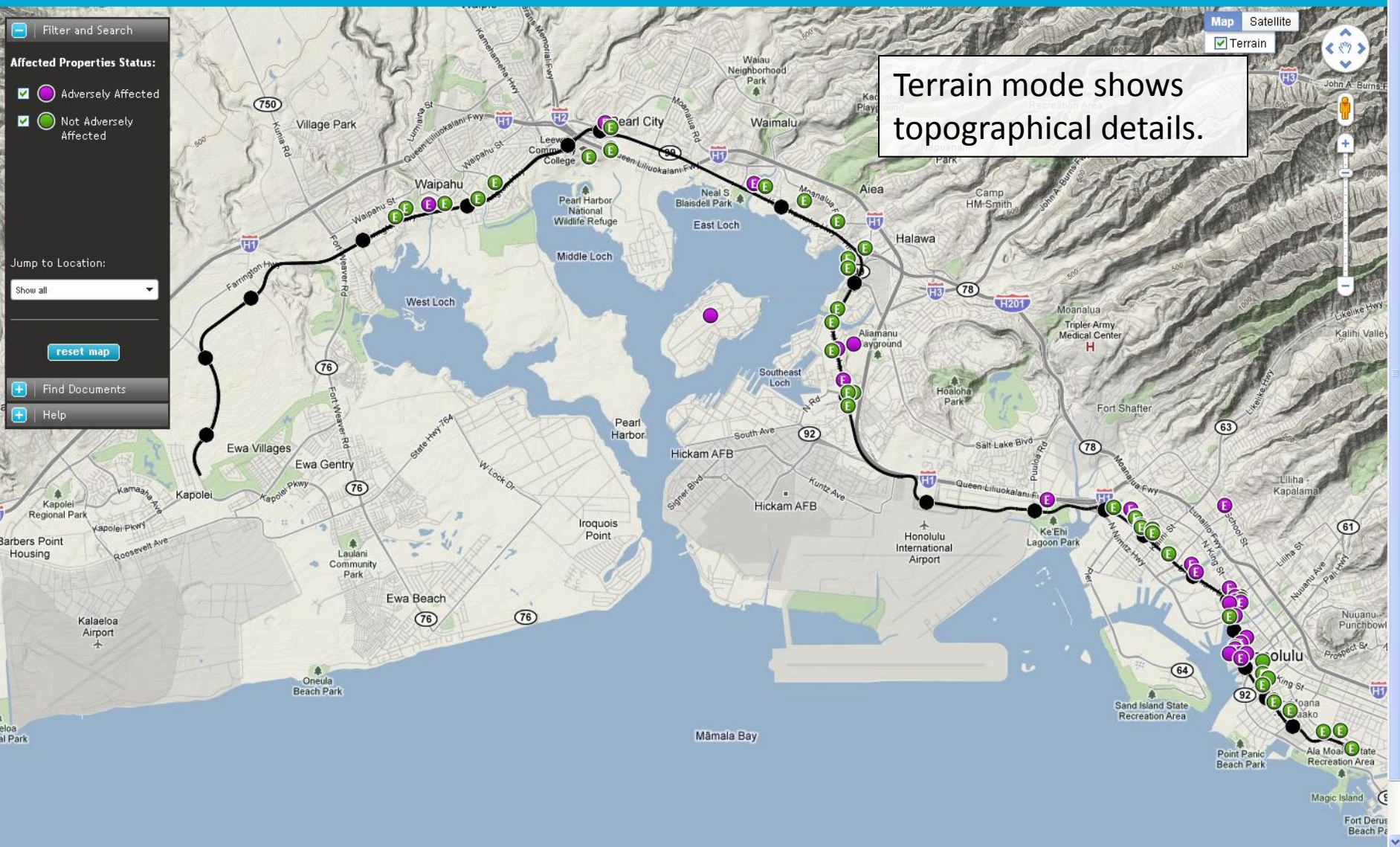
☒ Adversely Affected

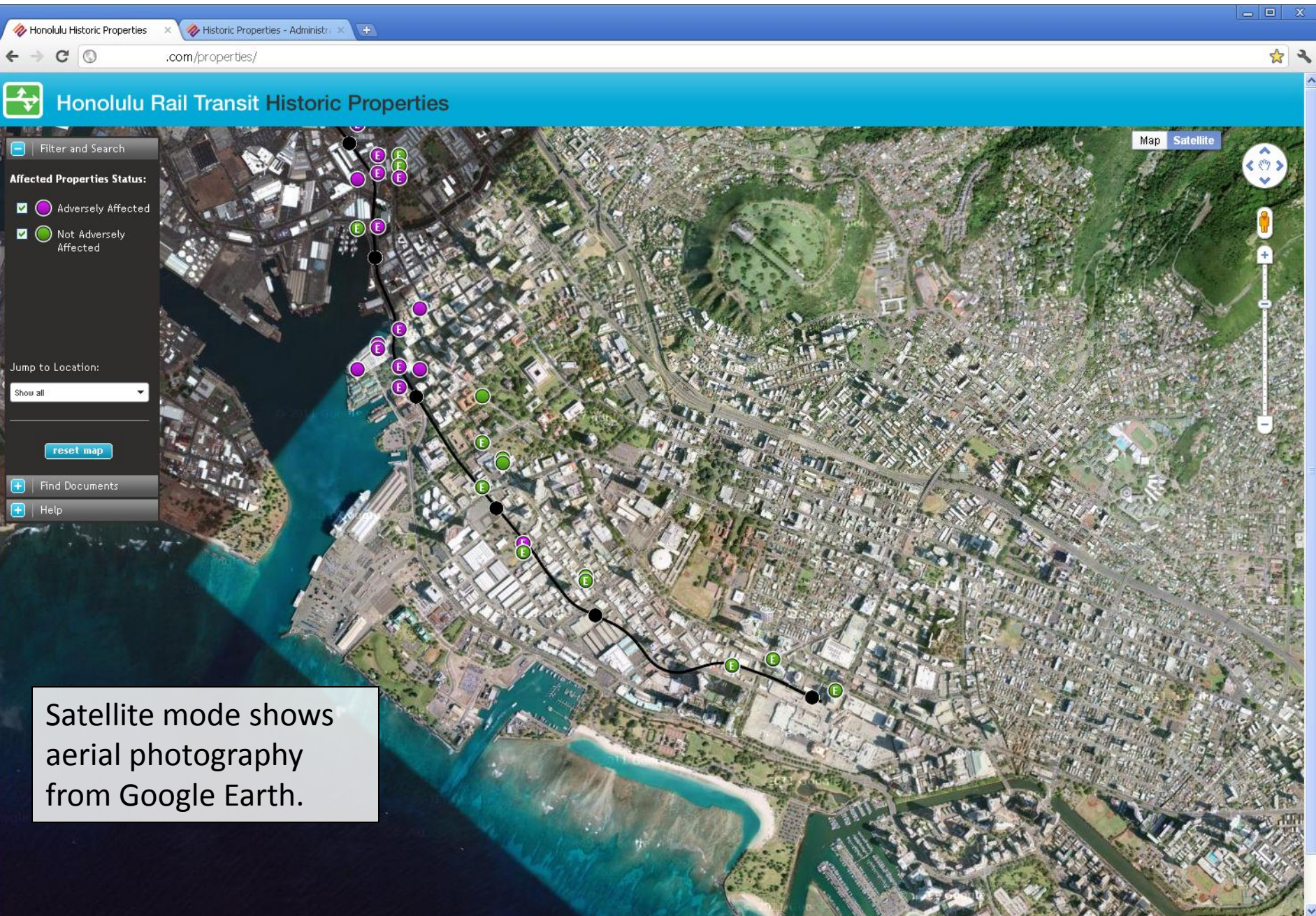
☒ Not Adversely Affected

Jump to Location:

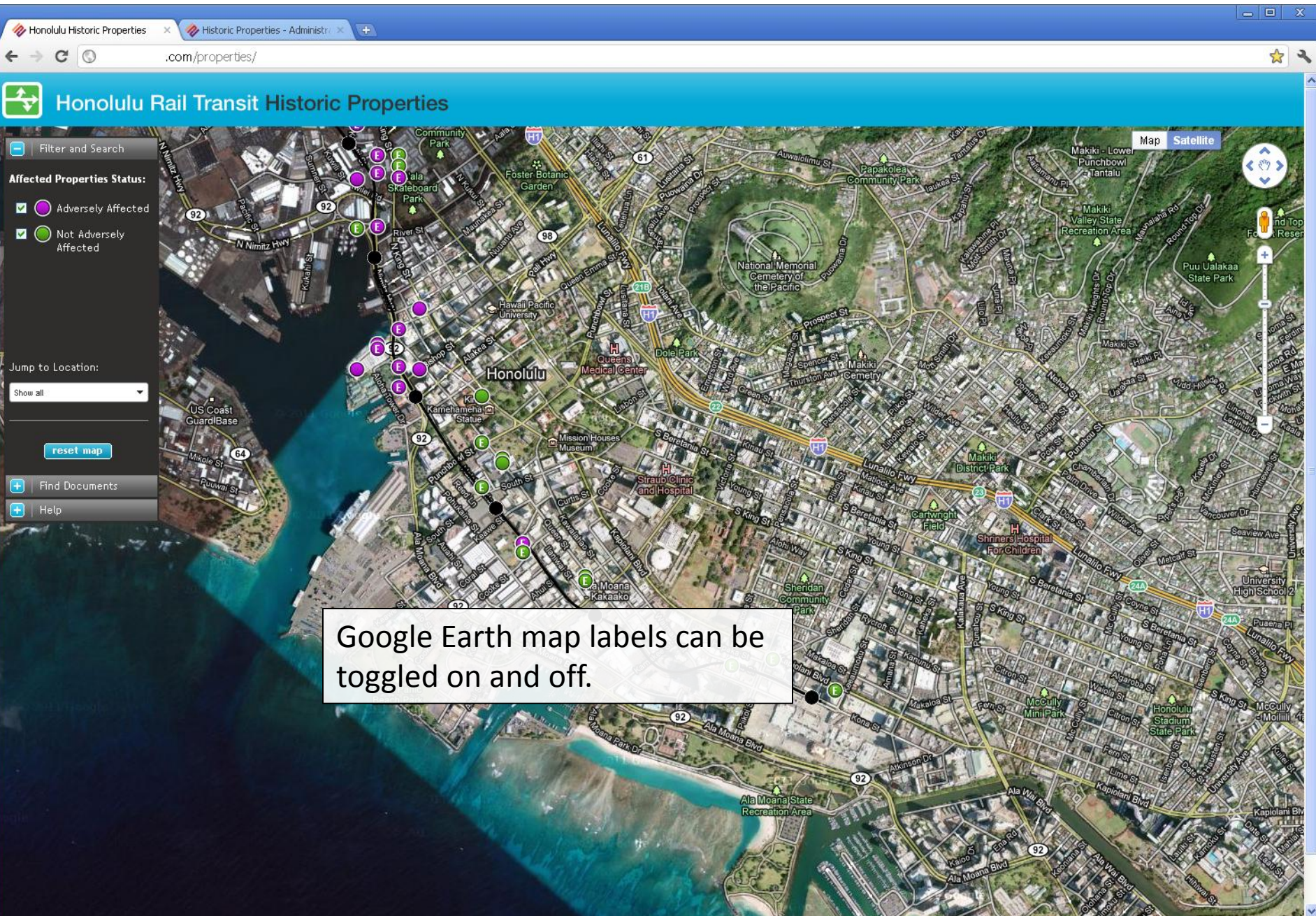
Show all

reset map





Satellite mode shows
aerial photography
from Google Earth.



Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected

Jump to Location:

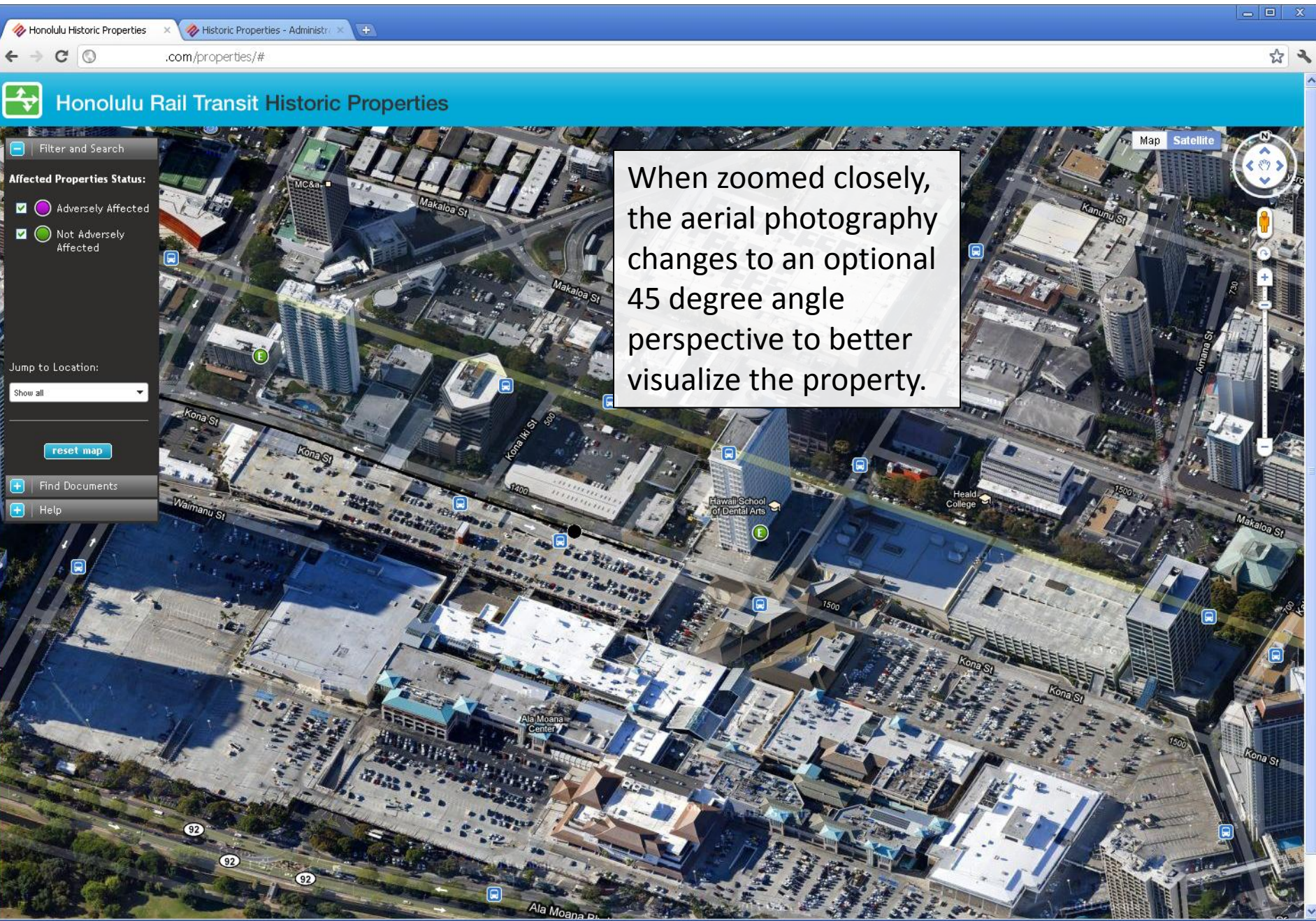
Show all

reset map

Find Documents

Help

Google Earth map labels can be toggled on and off.



Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected

Jump to Location:

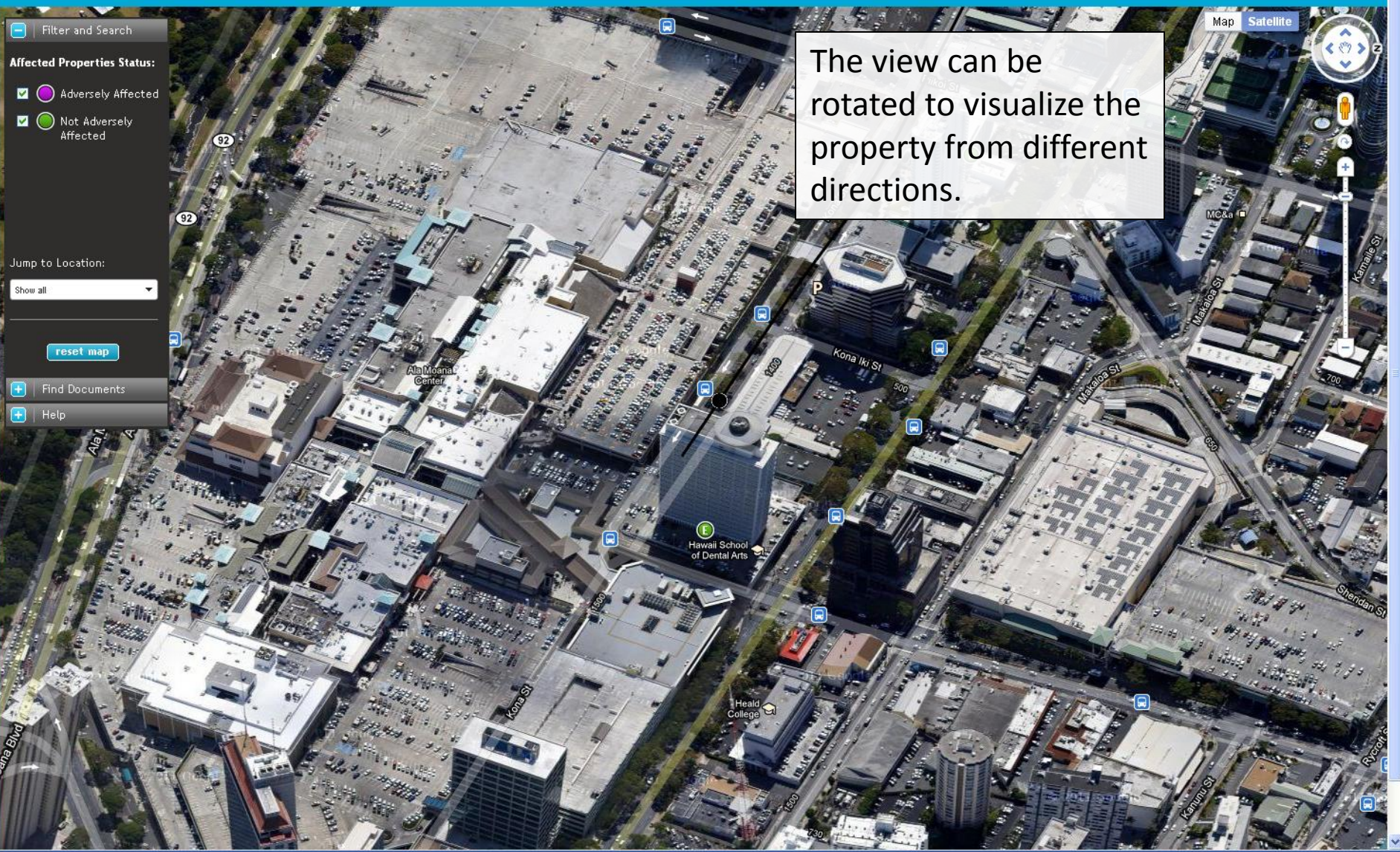
Show all

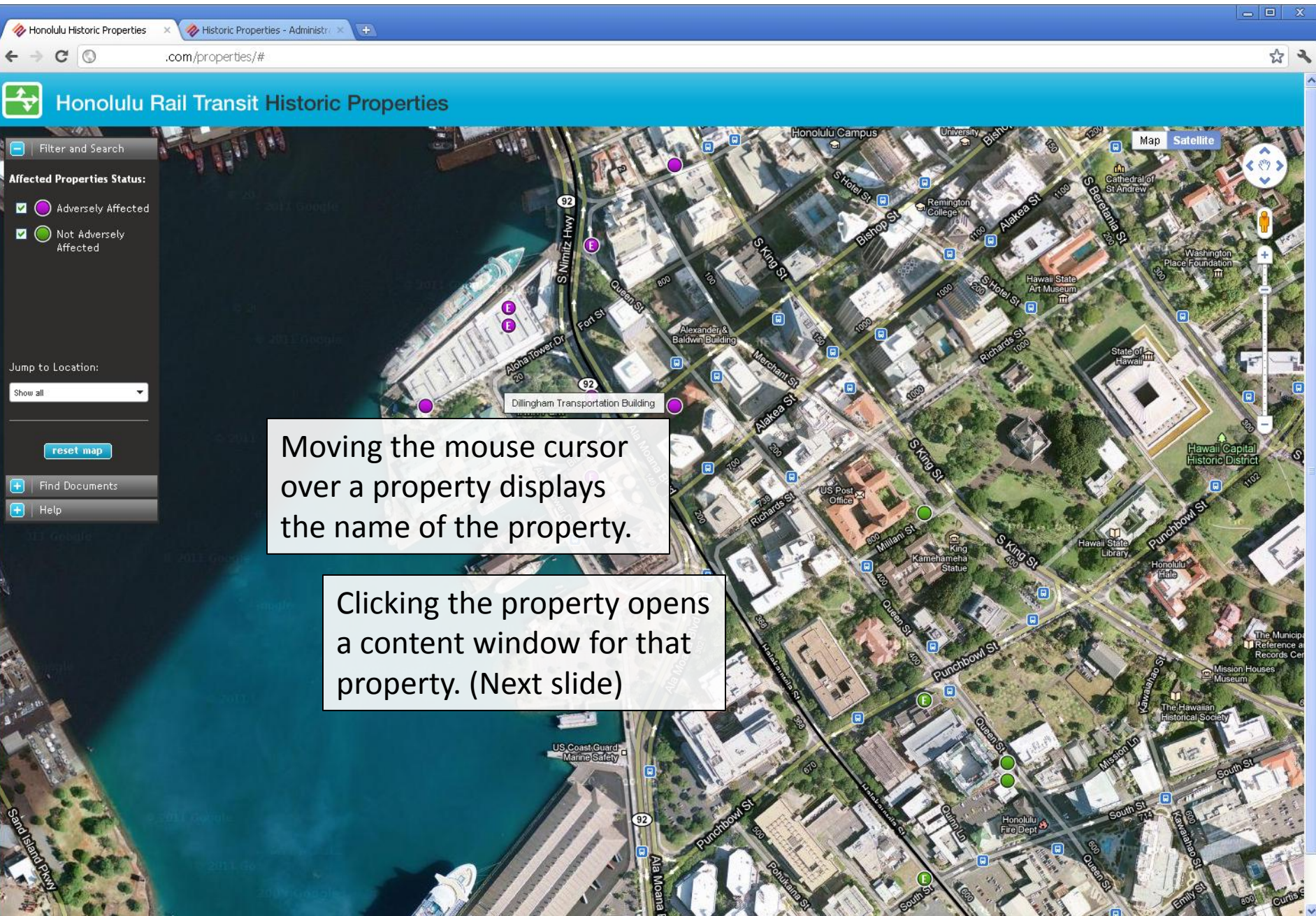
reset map

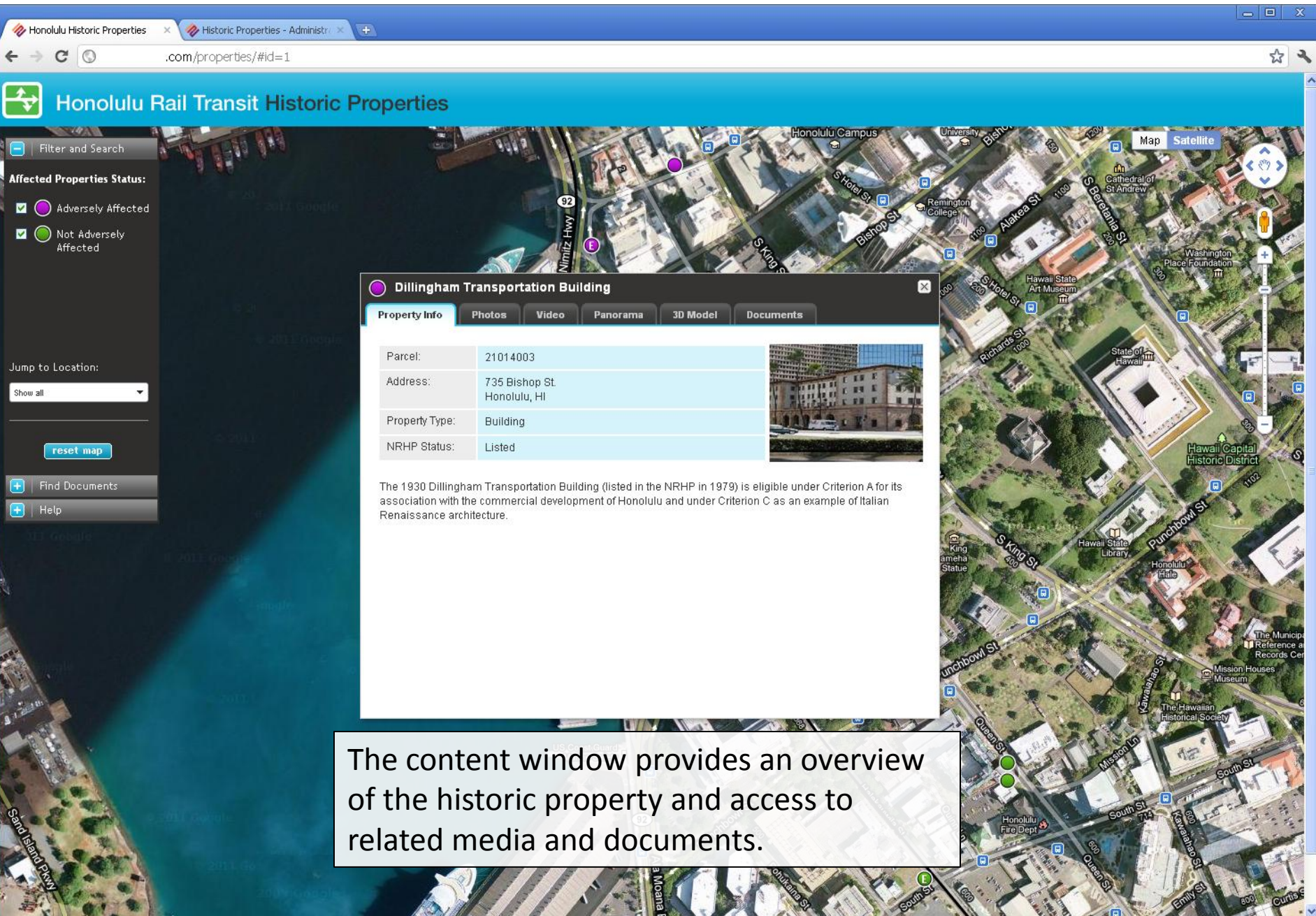
Find Documents

Help

The view can be rotated to visualize the property from different directions.







The content window provides an overview of the historic property and access to related media and documents.

Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected


Jump to Location:

Show all

reset map

Dillingham Transportation Building

Property Info | **Photos** | Video | Panorama | 3D Model | Documents



Dillingham Transportation Building front

01 02 03

Content includes media such as photos...

Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected

Jump to Location:

Show all

reset map

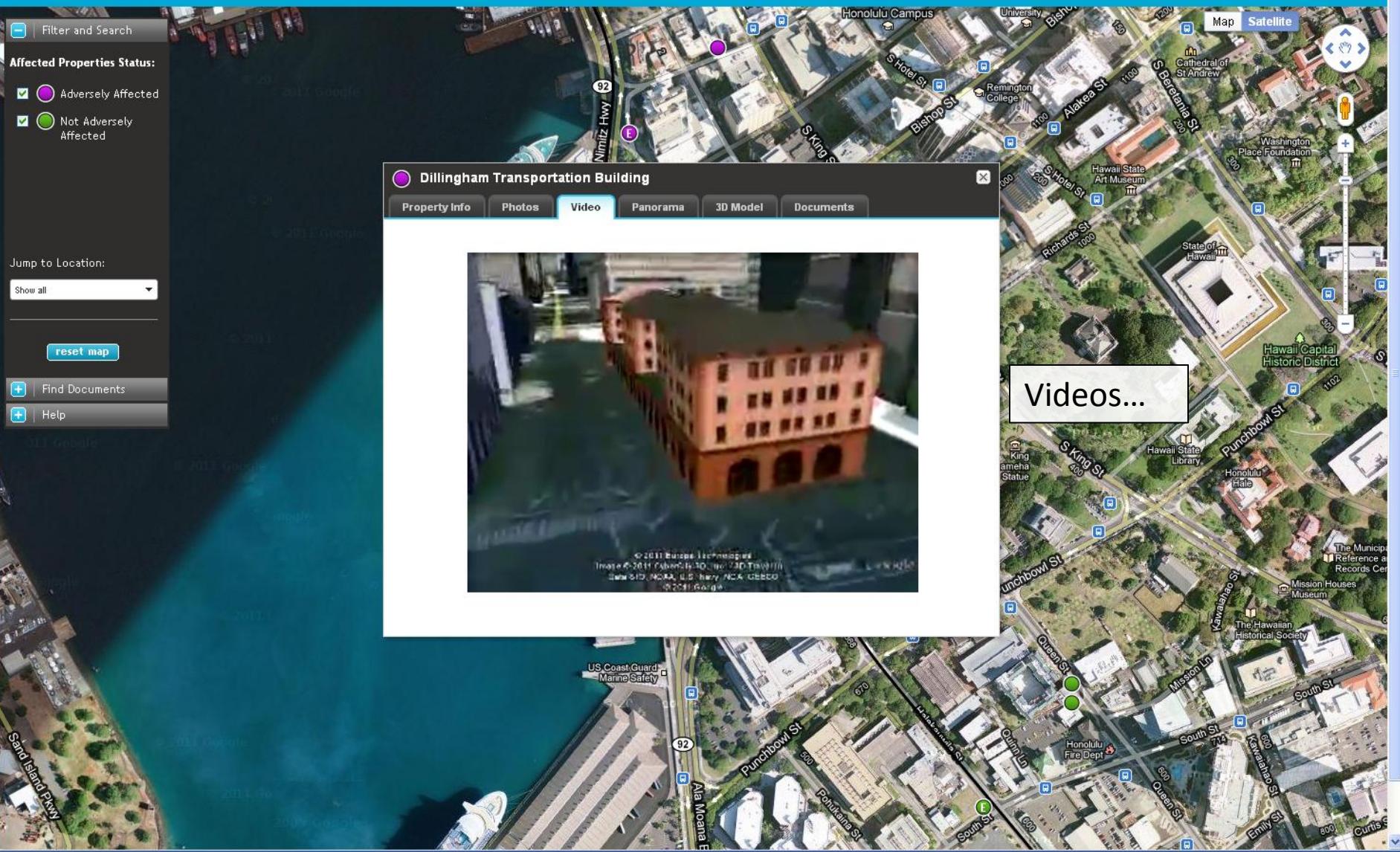
Dillingham Transportation Building

Property Info | Photos | Video | Panorama | 3D Model | Documents



© 2011 Google Technology
Images & 3D
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2011 Google

Videos...



Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected


Jump to Location:

Show all

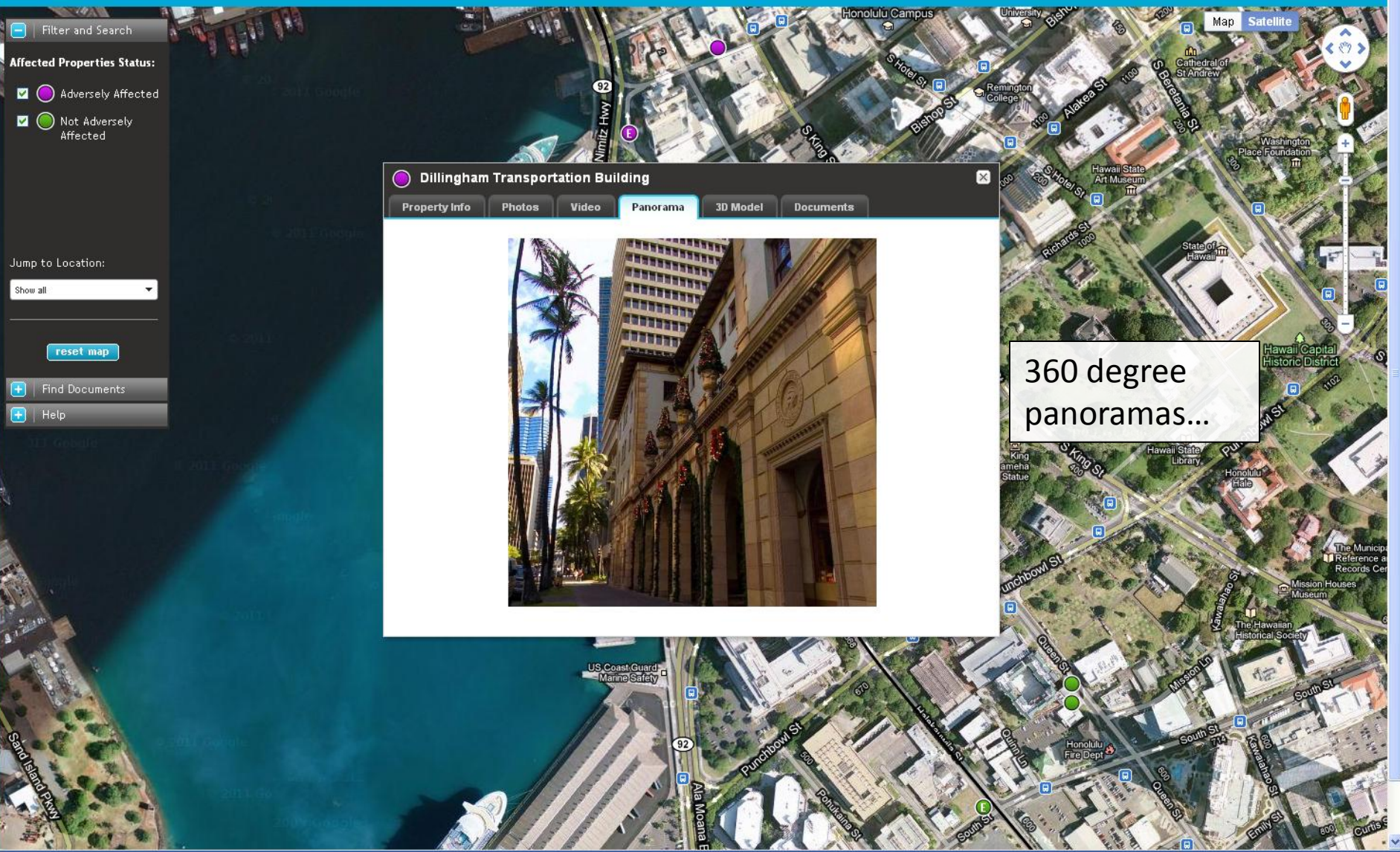
reset map

Dillingham Transportation Building

Property Info | Photos | Video | **Panorama** | 3D Model | Documents



360 degree
panoramas...



Filter and Search

Affected Properties Status:

☒

☐

Adversely Affected

☒

☐

Not Adversely Affected

Jump to Location:

Show all

reset map

+ Find Documents

+ Help

Jump to Location:

[Show all](#)

reset map

 Find Documents Help

Dillingham Transportation Building

Property Info

Photos

Video

Panorama

3D Model

Documents

3D models...

Honolulu Rail Transit Historic Properties

Filter and Search

Affected Properties Status:

☒ Adversely Affected

☒ Not Adversely Affected

Jump to Location:

Show all

reset map

Find Documents

Help

Dillingham Transportation Building

Property Info

Photos

Video

Panorama

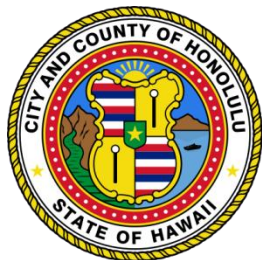
3D Model

Documents

File	Size
NR form Dillingham Transportation Building	440 KB
64 Dillingham Transportation Building	100 KB

and searchable
PDF documents.

Content Management walk-through



Historic Properties

Search Filters

Use filters to limit the Historic Properties listed.

NRHP Status:

< All >

Adversely Affected:


< All >

Active:

< All >

Find































Reset

 Add Property

Add a new Historic Property using a blank form.

1-10 [Next >>](#)

Results per page: 10 | 25 | 50 | 100 | All Total: 79

Name	NRHP Status	Adversely Affected	Media	Edit	Delete
'Aiea Cemetery/Honolulu Plantation Cemetery	Eligible	No			
10 Courtyard Houses	Eligible	No			
Afuso House	Eligible	Yes			
Akiona House (Quonset)	Eligible	No			
Ala Moana Building	Eligible	No			
Aloha Tower	Listed	Yes			
American Savings Bank/Liberty Bank—Queen-Ward Branch	Eligible	No			
Bombproof Switch Station - Facility B 6	Eligible	No			
Boulevard Saimin	Eligible	No			
Chinatown Historic District	Listed	Yes			

1-10 [Next >>](#)

Results per page: 10 | 25 | 50 | 100 | All Total: 79

Manage and edit general information; property location; photos; video; panoramas; 3D models; and documents. Or delete a Historic Property.



Historic Properties

Edit Property

For example, this is the Edit Property page for the Dillingham Transportation Building.

General information about the property and the property's keynote photo are managed in the Property Info section.

Property Info

Name*:

Alias:

Overview*:

The 1930 Dillingham Transportation Building (listed in the NRHP in 1979) is eligible under Criterion A for its association with the commercial development of Honolulu and under Criterion C as an example of Italian Renaissance architecture.

Parcel:

Address*:

City*:

Island*:

NRHP Property Type*:

NRHP Status*:

Adversely Affected:

Photo:

[dillinghamtransbuilding_thumb.jpg](#). Select new photo above replace this photo.

Note: Photo must of type JPG and should be at least 172x132. Photo will be automatically resized/cropped when property is saved.

Map Location

Drag marker or right click mouse to change the property location.

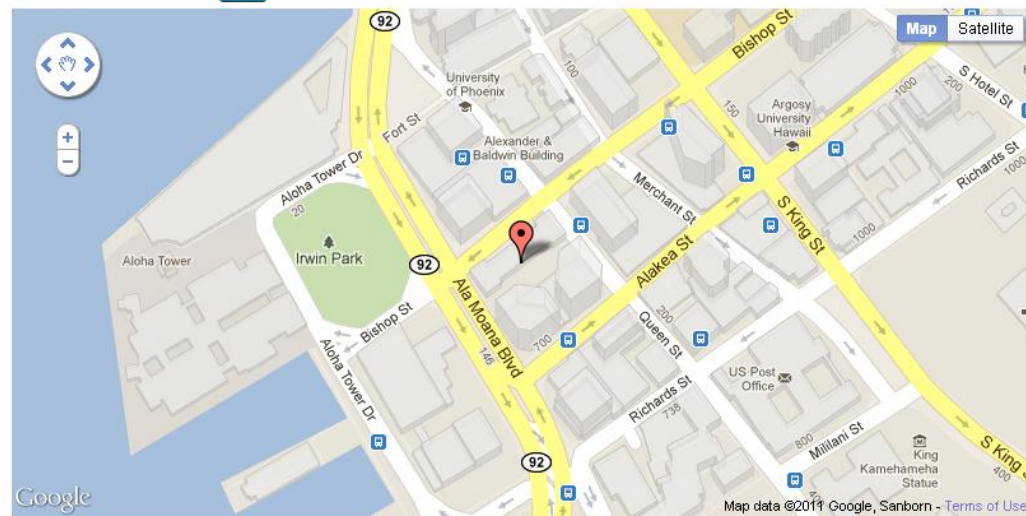


Select

Note: Photo must be of type JPG and should be at least 172x132. Photo will be automatically resized/cropped when property is saved.

Drag marker or right click mouse to change the property location.

Drag marker or right click mouse to change the property location.

Find

Active: ☒ Yes ☐ No

Active: ☒ Yes ☐ No

4/4/2011

Steuben

Save Save and Add Media Cancel

In the Map Location section, the location of the property is set by moving the placemark to the correct geographic location on the map.

The Record Info section indicates when this property was last edited and the user who made the edits.

The Active status determines if the Historic Property is displayed in the public Web Map App. It is best practice to set the value to No so as to temporarily retain this property when, for instance, info is incomplete, incorrect, or is simply not yet ready for public consumption.

Historic Properties

[Historic Properties](#) > [Dillingham Transportation Building](#)

Media The property's media management page is used to upload and manage photos, video, panoramas, 3D models, and documents.


Photos













Video

Panorama

3D Model

Documents

 Add Photo

Caption	File	Edit	Re-order	Delete
Dillingham Transportation Building front				
Dillingham Transportation Building city scape				
Dillingham Transportation Building lobby				

SHPO Files
 80-14-196

Form 10-200
 (July 1969)

UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

**NATIONAL REGISTER OF HISTORIC PLACES
 INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

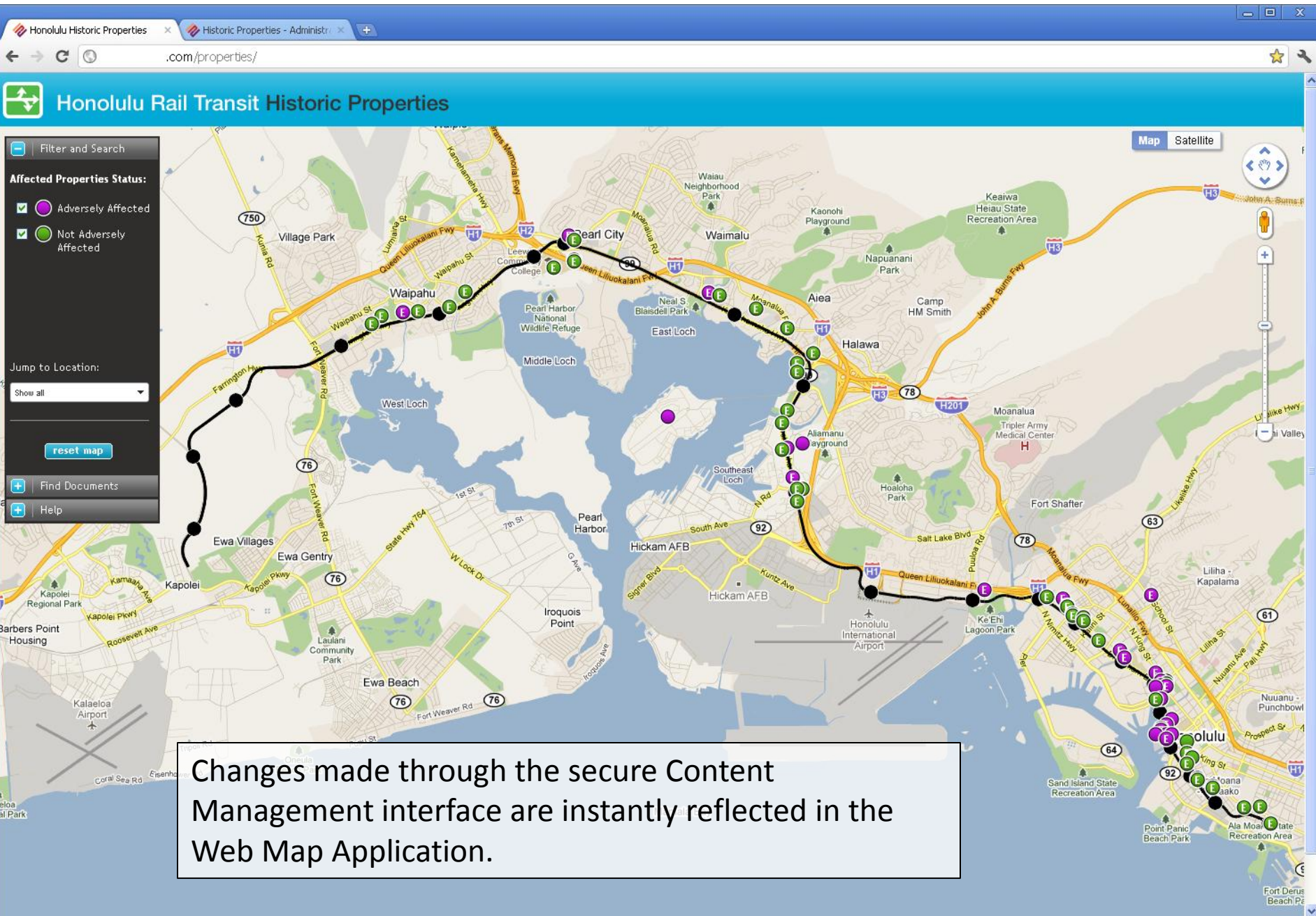
STATE: Hawaii	
COUNTY: Honolulu	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

1. NAME			
COMMON: Dillingham Transportation Building			
AND/OR HISTORIC:			
2. LOCATION			
STREET AND NUMBER: 735 Bishop Street			
CITY OR TOWN: Honolulu			
STATE: Hawaii		CODE: 15	COUNTY: Honolulu
3. CLASSIFICATION			
CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Object	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	<input checked="" type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted <input type="checkbox"/> No
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____ _____
4. OWNER OF PROPERTY			
OWNER'S NAME: Kauaikeolani Children's Hospital			
STREET AND NUMBER: 226 N. Kuakini			
CITY OR TOWN: Honolulu		STATE: Hawaii	CODE: 15
5. LOCATION OF LEGAL DESCRIPTION			
COURTHOUSE, REGISTRY OF DEEDS, ETC: Bureau of Conveyances			
STREET AND NUMBER: Tax Office Annex			
CITY OR TOWN: Honolulu		STATE: Hawaii	CODE: 15
6. REPRESENTATION IN EXISTING SURVEYS			
TITLE OF SURVEY: Old Honolulu			
DATE OF SURVEY: 1969			
DEPOSITORY FOR SURVEY RECORDS: Archives of Hawaii			
STREET AND NUMBER: Iolani Palace Grounds			
CITY OR TOWN: Honolulu		STATE: Hawaii	CODE: 15

SEE INSTRUCTIONS

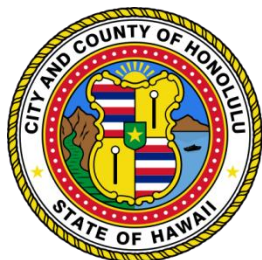
From the Documents tab in the Content Management or Web Map App interfaces, clicking a PDF document opens the document in a new window.

Shown here is the NRHP Nomination Form for the Dillingham Transportation Building.



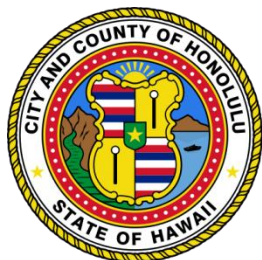
Summary

- The Historic Properties Web Map and Documentation Management App is a web-based application for visualizing historic properties, accessing related content, and managing content.
- It is comprised of two components:
 - Public interactive web map.
 - Secure content management interface.



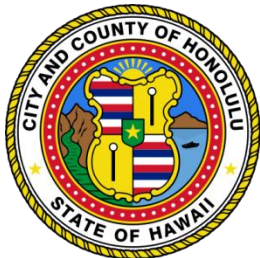
Summary (continued)

- The Historic Properties Web Map and Documentation Management App:
 1. Engages the Public.
 2. Serves Internal Stakeholders who are tasked with maintaining Historic Properties data and documentation.



Summary (continued)

- Enables the Public to:
 - access Historic Property data and documentation.
 - develop an understanding of Historic Properties in the context of the Honolulu Rail Transit Project.
 - visually *experience* and *interact* with Historic Properties through an interactive map, photos, videos, panoramas, and 3D models.
 - access documents and reports.



Summary (continued)

- Enables Internal Stakeholders to:
 - store, organize, manage, and maintain historic property data and documentation.
 - maintain a repository of information about historic properties in the context of the Honolulu Rail Transit Project.
 - present to the public a *visual* and *interactive experience* by exploring historic properties through an interactive map, photos, videos, panoramas, and 3D models.
 - provide access to documents and reports.

